

Part number key

Modular	#####
Standard	#####
Calculated data	#####

Please see our customisation options page for details on the modifications available on our products. Advice and guidance on these options are available from your local sales engineer.

Technical data

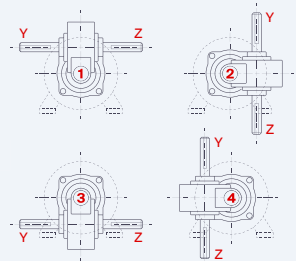
1 Part number		-	-	-	-	-	-	-
2 Gear ratio	:1	12.5	15	25	30	40	60	75
3 Stages		1	1	1	1	1	1	1
4 Max. continuous torque (S1) ¹²	Nm	75.0	75.0	75.0	75.0	75.0	75.0	60.0
5 Max. intermittent torque ²	Nm	120.0	120.0	120.0	120.0	120.0	120.0	96.0
6 Efficiency	%	85	80	75	70	65	55	45
7 Backlash	arc.min	10-25	10-25	10-25	10-25	10-25	10-25	10-25
8 Max. axial load (dynamic)	N	600	600	600	600	600	600	600
9 Max. radial load, 12 mm from flange	N	800	800	800	800	800	800	800
10 Weight	Kg	3.4	3.4	3.4	3.4	3.4	3.4	3.4
11 Gear material		Bronze	Bronze	Bronze	Bronze	Bronze	Bronze	Bronze

¹ S1 duty cycle based on 3000 RPM input speed ² Please refer to the thermal rating limits of the gearbox found on page 255

Compatible products

BLDC	Page #	PMDC	Page #	PMDC	Page #	AC	Page #
PBL86-55	100	BRx90-50	60	PM90-180	138	SD13	188
PBL86-80	102	BRx90-75	62	EPM50-25	142	SD18	192
		PM1	116	EPM50-38	144	SD48	196
		PM2	118	EPM50-50	146		
		PM3	120	EPM50-63	148		
		PM4	122	EPM63-50	150		
		PM5	124	EPM63-50 (V)	152		
		PM6	126	EPM63-75	154		
		PM50	128	EPM63-75 (V)	156		
		PM60	130	EPM63-100	158		
		PM90-150	136	EPM63-100 (V)	160		

Gearbox output position



Key

Standard combination

Modular combination

(V) = ventilated